

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/569,330
Source: IFWP
Date Processed by STIC: 12/29/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

| ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: 10/569,330 |
|--|---|---------------------------|
| ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE | | |
| 1 ____ Wrapped Nucleics Wrapped Aminos | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping." | |
| 2 ____ Invalid Line Length | The rules require that a line not exceed 72 characters in length. This includes white spaces. | |
| 3 ____ Misaligned Amino Numbering | The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead. | |
| 4 ____ Non-ASCII | The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text. | |
| 5 ____ Variable Length | Sequence(s) ____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing. | |
| 6 ____ PatentIn 2.0 "bug" | A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences. | |
| 7 ____ Skipped Sequences (OLD RULES) | Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. | |
| 8 ____ Skipped Sequences (NEW RULES) | Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000 | |
| 9 ____ Use of n's or Xaa's (NEW RULES) | Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents. | |
| 10 ____ Invalid <213> Response | Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below) | |
| 11 ____ Use of <220> | Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules | |
| 12 ____ PatentIn 2.0 "bug" | Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk. | |
| 13 ____ Misuse of n/Xaa | "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid | |



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/569,330

DATE: 12/29/2006
TIME: 15:38:03

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Output Set: N:\CRF4\12292006\J569330.raw

3 <110> APPLICANT: NAKAJIMA, Toshihiro
4 AMANO, Tetsuya
5 TSUCHIMOCCHI, Kaneyuki
6 YAMAZAKI, Satoshi
7 YAGISHITA, Naoko
9 <120> TITLE OF INVENTION: Synoviolin promoter
11 <130> FILE REFERENCE: L7350.0006
13 <140> CURRENT APPLICATION NUMBER: 10/569,330
14 <141> CURRENT FILING DATE: 2006-02-21
16 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/012424
17 <151> PRIOR FILING DATE: 2004-08-23
19 <150> PRIOR APPLICATION NUMBER: JP2003-297913
20 <151> PRIOR FILING DATE: 2003-08-21
22 <160> NUMBER OF SEQ ID NOS: 13
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 3046
28 <212> TYPE: DNA
29 <213> ORGANISM: Mus musculus
31 <400> SEQUENCE: 1

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36 gagtgtctggg attaaaggta ggcgccacca cgcccagctt tttttttttt agataggatc 180
38 tcactctata gctgtacgct ggcctcagat ttatgatgct ctctctgcct cagtctccca 240
40 attttctggg attgtaggag tggggccacta tgctctgctc actacatgat ttcagagggt 300
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54 ggggcagaca ggcactgaca ctgctaccct ttaatacagt tctctctgtt gtgatcccca 720
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74 acagacagaa tcagctcaga acaaagggtc tggttatctc ccagggatga acacgcacgc 1320
76 cgactgagct tttggggtgt tgaaaagtca acgccttcgc acagaactct ccaccccaac 1380

Does Not Comply
Corrected Diskette Needed

see pp 4-5

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92 acacatttta tttctttcat gcctgacata aagtctggcc cttgctcgct cctgcccccc 1860
94 gtccaaatgg ctggccccgc ggaacgcccc tcttccaggc acattgagag cgggagtctt 1920
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165 cccaacacct tgtggggctg aggtgggagg atcgcttgag cccgggagggt cgaggctgca 780
167 atgagccctg atggcgccaa tgcactccag cctggcgac agagcaagac cctgtcgcaa 840
169 aaattaataa ataaataaat aaaaagaaaa gggggaaaaa aagttatagc tggccttacg 900
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177 ccctagctca taaaccttag tgattgatga ttaaatagaga tgacggagga aaacgcaagg 1140
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247 <211> LENGTH: 19
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial
251 <220> FEATURE:
252 <223> OTHER INFORMATION: synthetic DNA
254 <400> SEQUENCE: 3
255 gcgcgcgcgt aagtgaggt 19
258 <210> SEQ ID NO: 4
259 <211> LENGTH: 20
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial
263 <220> FEATURE:

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309 <213> ORGANISM: Homo sapiens
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317 <210> SEQ ID NO: 9
318 <211> LENGTH: 101
319 <212> TYPE: DNA
320 <213> ORGANISM: Mus musculus
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329 <211> LENGTH: 11
330 <212> TYPE: DNA
331 <213> ORGANISM: Homo sapiens
333 <400> SEQUENCE: 10
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337 <210> SEQ ID NO: 11
338 <211> LENGTH: 11

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340 <213> ORGANISM: Artificial

342 <220> FEATURE:

343 <223> OTHER INFORMATION: mutant

345 <400> SEQUENCE: 11

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349 <210> SEQ ID NO: 12

350 <211> LENGTH: 10

351 <212> TYPE: DNA

352 <213> ORGANISM: Homo sapiens

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358 <210> SEQ ID NO: 13

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360 <212> TYPE: DNA

361 <213> ORGANISM: Artificial

363 <220> FEATURE:

364 <223> OTHER INFORMATION: mutant

366 <400> SEQUENCE: 13

367 gccaaagcccc

insufficient explanation
(give source of genetic material)
see item 11 on Enr summary sheet

11

10

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/29/2006
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Input Set : A:\L7350.0006 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\12292006\J569330.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,11,13

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/569,330

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